Logistics Support Center Customer Asset Visibility (LCAV)

CDR David Armstrong, SC, USN
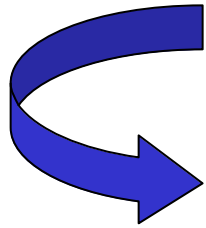
NAVSUP 4B2D

BACKGROUND

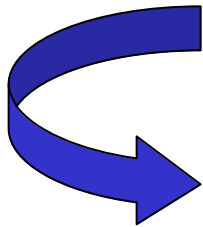# LSC / MPC CONOPS

LCAV OVERVIEW
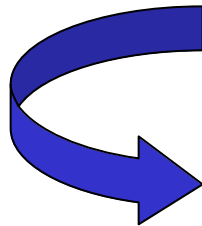
LCAV & AIT

SUMMARY

Afloat Supply Department of the Future (ASDOF)

Logistics Support Center (LSC)

Material Processing Center (MPC)

LCAV

LCAV Development Background

- **Numerous COTS and GOTS reviewed**
- **Challenges to system selection:**
    - *Aggressive schedule*
    - *Compliance with corporate IT standards*
    - *Capability to track material by document number*
    - *Interface with DAAS*
    - *Web enabled*
    - *Use a central application and database server*
- **LCAV delivered in 6 Months (3/01) !!**
    - *Room remains for growth*
    - *Additional functionality (AIT ?)*
    - *Enhanced current functionality*

Logistic Support Center (LSC) CONOPS

- **Logistic Support Center in 2 parts**
  - *LSRs - Husbanding Services*
  - *MPC - Physical Distribution Services*
- **Husbanding Services**
  - *Designated Logistic Support Rep for each ship*
  - *Single POC for all husbanding needs (including MPC)*
- **MPC**
  - *Tailored Physical Distribution services to ships*
  - *Uses organic and 3PL (i.e., DLA, FOSSAC) providers*
  - *Moves workload from ship to shore*

◆ **Functional Baseline**

  ◆ *Standardized baseline services*

   ◆ **Standard processing times (24 hours)**

   ◆ **Standard material handling services**

   ◆ **ITV to customer**

◆ **Tailored Support = Added Value**

   ◆ **Variety / Types of Customers Serviced**

   ◆ **Customer Directed Requirements**

LCAV Environment

- **Web Enabled**

- **Central Application Server**

- **Central Integrated Oracle Database –**

  - *Repository for records of all MPC supported ships*

- **Uses Non-RF Symbol Scanners**

What's Special About LCAV?

BEFORE LCAV

- **Limited visibility of waterfront material**
- **Limited delivery options**
- **Limited proof of delivery**
- **Low confidence in LRT metric**
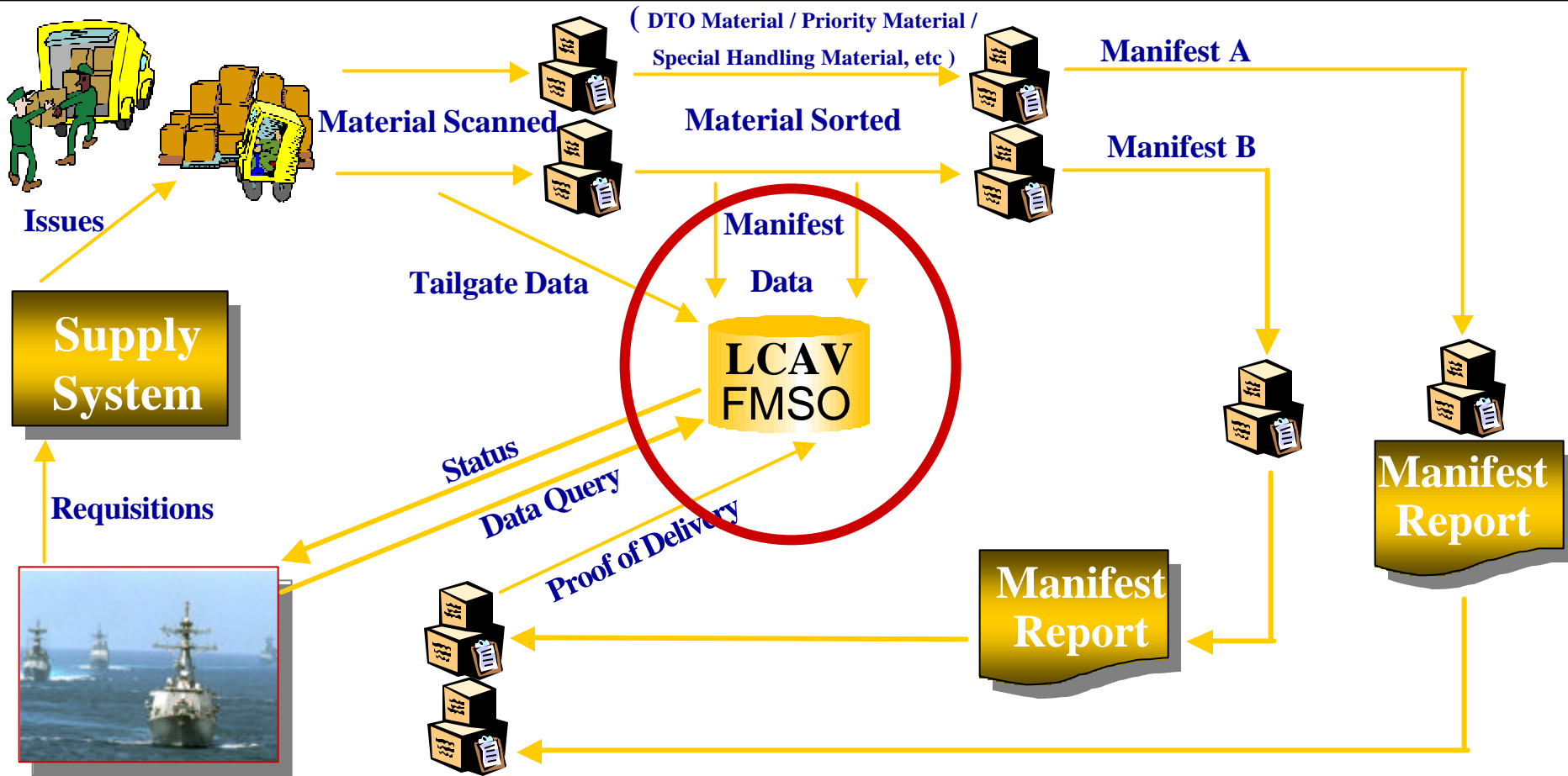- **Inadequate visibility of stock-in-transit**
- **Manual tracking of material**

WITH LCAV

- **Improved visibility…status sent to the ship**
- **Customized delivery**
- **Automated proof of delivery**
- **More accurate LRT metric**
- **Automated receipt and issue transactions**
- **Automated tracking of material**

Global visibility via the Web

MPC Processing Flow
How does it work ??

MPC Rollout Schedule

Location	Implementation Date	Notes
Everett WA	May 2001	
Ingleside TX	May 2001	
Groton CT	June 2001	
Pascagoula TX	July 2001	
Little Creek VA	July 2001	
San Diego CA	September 2001	
Norfolk VA	September 2001	
Puget Sounds WA	October 2001	
Norfolk VA (NNSY)	October 2001	
Norfolk VA (CSL "T" Shed)	October 2001	
Pearl Harbor HI (NSSC)	November 2001	
Pearl Harbor HI (DDPH)	November 2001	
Yokosuka Japan (DDYJ)	March 2002	
Sasebo Japan (DDYJ-S)	March 2002	
Jacksonville FL	April 2002	
CNAL "T" Shed (V-88)	TBD	1
CNAP "T" Shed (NAS NI)	TBD	2
CNSP Amphib "T" Shed (32nd St)	TBD	2

Note 1. FISCNV negotiating with CNAL for implementation of MPC. No date established yet

Note 2. FISCSD / DDDC negotiating with CNAP and CNSP for consolidation of MPC services at DDDC

LSC – *MPC Growth*

- **CONUS sites complete**

- **OCONUS – Scheduled / funded**

  - *Yokosuka / Sasebo Japan – March 2002*

- **OCONUS – Notional sites**

  - *Bahrain / Singapore / La Madalena / Guam*

  - *Head to tail MPC service*

  - *CONUS to OCONUS*

- **Global MPC system ripe for AIT augmentation**

- **Potential proving ground for AIT**

  - *Wireless technology*

  - *All 2D bar codes scan capability*

- **Global MPC system ripe for AIT augmentation**

  - *Enhanced warfighter logistics support*

  - *Supports Joint Logistics Processes*

  - *Global ITV interfaces*

SUMMARY

- **LCAV: Key IT component of MPC-LSC-ASDOF**

- **LCAV value enhanced by AIT**

- **MPC (LCAV) potentially attractive global proving ground for AIT**

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QUESTIONS / COMMENTS